

# **Dryden Research Library Newsletter**

**October 2001**

Dryden Research Library is located in Bldg. 4800 Room 2412.

Check out our home page: <http://www.dfrc.nasa.gov/organizations/Library/index.html>.

For any of your library needs please contact via email or call:

Barbara Rogers at ext. 3702, email [barbara.rogers@dfrc.nasa.gov](mailto:barbara.rogers@dfrc.nasa.gov) or Sylvia Cicciarelli at ext. 3127, email [sylvia.cicciarelli@dfrc.nasa.gov](mailto:sylvia.cicciarelli@dfrc.nasa.gov).

The Dryden Research Library Tech Monitor is Dave Fisher, at ext.3705, e mail [david.fisher@dfrc.nasa.gov](mailto:david.fisher@dfrc.nasa.gov)

## **FOR YOUR INFORMATION:**

We are now receiving two new magazines:

Optical Engineering (OE) Magazine and A/C Flyer International

If you would like to be added to the routing list please e-mail Sylvia at [sylvia\\_cicciarelli@dfrc.nasa.gov](mailto:sylvia_cicciarelli@dfrc.nasa.gov) include your name, phone number, and mail stop.

We are continuing to add materials to our Travel Reference collection. In the College Textbook collection we recently acquired new books from a student at University of Phoenix. This almost doubled the size of the collection.

Dryden has now access to over 400 electronic journals via the AIAA, Science Direct and IEEE/IEE portals on the Research Library home page. Many NASA Wide Standards are available from IEEE/IEE as well as the NASA Standards Home Page portal. The Dryden Technical Report Server has nearly 475 older Dryden reports in pdf format going back to 1980. All this information can be downloaded directly to your desktop.

## **New Library Books**

### **Reference Books:**

TK 151 C8 1992	American Electricians Handbook
TP151 P45 1984	Perry's Chemical Engineers Handbook
TK260 M34 1996	National Electrical Code Handbook

### **Circulating Books:**

HF5548.4 M23 M523	Microsoft Excel User's Guide: Getting Started ...
HF5548.4 M528 M52	Microsoft Word User's Guide
T385 S53 1998	PowerPoint 98 for the MacIntosh: Beginner written and produced by Kevin A. Siegel

## **PAPERS BY DRYDEN AUTHORS**

1. Williams, Peggy S., "A Monte Carlo Dispersion Analysis of the X-33 Simulation Software," presented at AIAA Atmospheric Flight Mechanics Conference, August 6-9, 2001, Montreal, Canada, (H-2460).

## **THIS MONTH IN HISTORY**

Oct. 14, 1947 - XS-1 exceeded the speed of sound in history's first supersonic flight.

Oct. 1, 1958 - NACA (National Advisory Committee for Aeronautics) became NASA (National Aeronautics and Space Administration).

Oct. 30, 1964 - Joe Walker was the pilot on the first flight of the Lunar Landing Research Vehicle (LLRV), known as the "Flying Bedstead." The LLRV was used to simulate techniques of landing a spacecraft on the moon's surface.

Oct. 3, 1967 - The X-15 set world speed record for winged aircraft, 4520 mph, with Air Force Maj. William Knight the pilot.

Oct. 26, 1977 - Last of 13 captive and free-flight tests with Space Shuttle prototype Enterprise, proving the shuttle glide and landing characteristics.

Oct. 3, 1991 - Dryden aeronautical engineer Marta Bohn-Meyer became first-ever female crewmember to fly in an SR-71.

Oct. 24, 1992 - Research Aircraft Integration Facility (RAIF) officially opened, giving Dryden a unique capability to carry out interdependent systems testing, systems troubleshooting, and rapid pre-and post-flight systems checks on several aircraft simultaneously. On Nov. 17, 1995, Center Director Ken Szalai renamed the facility as the Walter C. Williams Research Aircraft Integration Facility.

Oct. 22, 1998 - The Pegasus® Hypersonic Experiment, a highly instrumented glove on the Pegasus® booster's delta wing, gathered more than 90 seconds of hypersonic temperature, pressure, and airflow data after the booster was launched from an Orbital Sciences Corporation L-1011 aircraft.